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3753 CPW

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**TRANSMITTAL
FORM**

(to be used for all correspondence after initial filing)

TRANSMITTAL FORM (to be used for all correspondence after initial filing)	Application Number	10/044,548
	Filing Date	January 11, 2003
	First Named Inventor	Jin Wook KIM
	Art Unit	3753
	Examiner Name	Ramesh Krishnamurthy
Total Number of Pages in This Submission	Attorney Docket Number	2529-000075

ENCLOSURES (check all that apply)

<input type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input type="checkbox"/> Amendment / Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Response to Missing Parts/ Incomplete Application <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) _____	<input type="checkbox"/> After Allowance Communication to Technology Center (TC) <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input checked="" type="checkbox"/> Other Enclosure(s) (please identify below): Supplemental Submission; Inventor's Declaration Regarding ...; Supplemental Declaration; return post card		
<table border="1"><tr><td>Remarks</td><td>The Commissioner is hereby authorized to charge any additional fees that may be required under 37 CFR 1.16 or 1.17 to Deposit Account No. 08-0750. A duplicate copy of this sheet is enclosed.</td></tr></table>			Remarks	The Commissioner is hereby authorized to charge any additional fees that may be required under 37 CFR 1.16 or 1.17 to Deposit Account No. 08-0750. A duplicate copy of this sheet is enclosed.
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SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm or Individual name	Harness, Dickey & Pierce, P.L.C.	Attorney Name	G. Gregory Schivley	Reg. No.	27,382
Signature					
Date	July 6, 2004				

CERTIFICATE OF TRANSMISSION/MAILING

I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below.			
Typed or printed name	G. Gregory Schivley	Express Mail Label No.	EV 533 146 452 US (7/6/2004)
Signature		Date	July 6, 2004

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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EV 533 146 452 US



PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application No.: 10/044,548
Filing Date: January 11, 2003
Applicant: Jin Wook Kim
Group Art Unit: 3753
Examiner: Ramesh Krishnamurthy
Title: PILOT POPPET TYPE PRESSURE CONTROL VALVE
Attorney Docket: 2529-000075

Director of The United States Patent and Trademark Office
P.O. Box 1450
Alexandria, Virginia 22313-1450

SUPPLEMENTAL SUBMISSION

Sir:

In response to the Office Action mailed May 17, 2004 and Applicant's amendment mailed June 7, 2004, Applicant is hereby submitting executed copies of:

1. Inventor's Declaration Regarding Erroneous Submission of Prior Art; and
2. Supplemental Declaration

Therefore, the Examiner's reliance on Applicant's admitted prior art is not applicable and this case should now be in condition for allowance.

In the other art of record (U.S. Patent No. 5,533,548) the poppet and housing seat are formed as a circular arc in a spiral type in which the radius is progressively increasing. This kind of construction is difficult to design and manufacture. In contra

the poppet in the present invention is of a cone type. The seat part is, therefore, easy to design and manufacture. In Grant, the poppet is sliding in the housing and is different from the present invention. In Grant's sliding structure, the noise generates in accordance with the inner face and tilt regardless of the radius of the poppet and the seat. However, in the present invention, the pilot poppet is supported by a spring and this is distinguishable from the disclosure in Grant. In addition, Grant discloses a general check valve and the present invention discloses a relief valve.

In summary, the present invention overcomes the chattering and difficult design of the Grant disclosure.

In view of the foregoing, it is believed that this application should now be in condition for allowance and such action is respectfully requested.

Respectfully submitted,

Dated:

July 6, 2004

By:

G. Gregory Schwley
Reg. No. 27,382

HARNESS, DICKEY & PIERCE, P.L.C.
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**PATENT****IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Application No.: 10/044,548
Filing Date: January 11, 2002
Applicant: Jin Wook KIM
Group Art Unit: 3753
Examiner: Ramesh KRISHNAMURTHY
Title: PILOT POPPET TYPE PRESSURE CONTROL VALVE
Attorney Docket: 2529-000075

Director of The United States Patent and Trademark Office
P.O. Box 1450
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Inventor's Declaration Regarding Erroneous Admission of Prior Art

Sir:

The undersigned is the named inventor in the patent application identified above.

I am not aware of any evidence that would make the subject matter of Figures 4-7 of my specification to be considered as prior art under U.S. law.

In view of the foregoing, the previous characterization of the subject matter of Figures 4-7 as prior art was in error.

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. § 1001 and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Kim Jin Wook
Jin Wook KIM

June 28, 2004
Dated

Yi
First Witness Misook YI

J. S. KIM
Second Witness Jun Soo KIM